

3rd Harmonic Monday Meeting Minutes

Date: May 22, 2006

Time: 10:30 A.M.

Place: ICB Trailer 157 Conference Room

Attendees (P=Present):

| | | | | | | | |
|---------------|---|-------------|---|-----------------|---|-----------|---|
| C. Antoine | | H. Carter | P | E. Harms | P | A. Rowe | P |
| T. Arkan | | C. Cooper | | T. Khabibouline | | N. Solyak | |
| P. Bauer | P | H. Edwards | P | D. Mitchell | | C. Grimm | |
| L. Bellantoni | P | M. Foley | P | D. Olis | P | | |
| C. Boffo | | C. Ginsburg | | P. Pfund | P | | |

Minutes recorded by Dan.

Minutes are posted at: http://tdserver1.fnal.gov/dolis/39GHz_minutes.html

Minutes of the meeting

Chemistry/Processing

- Cavity-2 at Argonne lab today (May 15) for acid etch. Cooldown expected Thursday for Friday morning vertical test.
- Timer finished analysis on first vertical test of cavity-2.
- Mike reports Al Buetler developing design for temperature measurement of cell equators on cavity.

Helium Vessels

- Harry reports six vessels on order.

HOM Couplers

- Elvin reports more leaky couplers at Ceramtec.
- Elvin and Mike Yeoward are going to Ceramtec this week.
- Helen to discuss possible fabrication of Fermi-modified (for 3.9GHz) JLAB coupler with JLAB's Charlie Reese.
- Timer reports RF measurement on only Ceramtec coupler received is OK, dissipation may be a little high. Coupler will be thermally cycled with Cavity-2 this week.

Input Coupler, Test Stand

- Dan reports: test stand is in final stage of assembly; Dan going to CPI on Wednesday to check on progress of coupler fabrication; detailing of coupler fixture and tooling designs has made good progress with help of PPD designer, Gary Smith; coupler QC programs will start to be developed this week using plastic prototypes.
- Timer reports RF test on RF volume for test stand is good.
- Dan to talk to J. Blowers on recording coupler inspection data in electronic database.

Blade Tuner

- Elvin reports stepper motor requisition in process. Awaiting answer from DESY on 2.5 v. 5Amp motor.

Other business

- Chuck reports thru Dan that magnetic shield drawings sent to Don Mitchell for his review before final release.
- Pending DOE approval, Dan will go to DESY June 7 – 24 for observation of final stages of crymodule-6 assembly.
- Elvin showed his webpage for 3.9GHz project: www.A0.fnal.gov . It will serve as central location for all documents.
- General discussion on 304 v. 316 v. 316L v. 316LN stainless steel grades and appropriate use near cavity. Helen suggests an engineering note be written. Harry to follow up, assign somebody.